

IN THE CLAIMS

1. (canceled)
2. (currently amended) The method as claimed in ~~claim 1~~claim 15, wherein the ratio between the first and second flow rates is in the range from 10% to 90% and 40% to 60%.
3. (original) The method as claimed in claim 2, wherein the ratio is around 20%: 80%.
4. (canceled)
5. (currently amended) The method as claimed in ~~claim 4~~claim 16, wherein the coating material is an epoxy resin.
6. (canceled)
7. (canceled)
8. (currently amended) The method as claimed in ~~claim 6~~claim 16, including the step of determining the quantity of coating material required to coat the inner surface of ~~the pipe~~ each pipe section to a predetermined depth based on the length and diameter of the pipe, and terminating the coating step for the respective pipe sections after the determined amount of material has been supplied to the pipe.
9. (currently amended) The method as claimed in ~~claim 4~~claim 16, including the step of applying a second layer of coating material to the inner surface of the pipe.
10. (currently amended) The method as claimed in ~~claim 1~~claim 15, including the step of drying the pipe prior to cleaning the pipe with the mixture of air and abrasive material particles, the drying step comprising pumping heated air into the first port of the pipe while applying suction at the second port of the pipe.
11. (currently amended) The method as claimed in ~~claim 4~~claim 16, including

the step of heating the pipe to a predetermined temperature prior to coating the pipe, the heating step comprising pumping heated air into the first end of the pipe and applying suction at the second end of the pipe until first and second predetermined air temperatures are detected at the first and second ends, respectively, of the pipe, and the coating step commencing as soon as said predetermined air temperatures are reached.

12. (currently amended) The method as claimed in ~~claim 1~~claim 15, including the step of monitoring the pressure in the pipe and relieving the pressure if the detected pressure is above a predetermined safety level.

13. (currently amended) The method as claimed in ~~claim 4~~claim 16, including the step of testing the pipe for any leaks after the cleaning step and prior to the coating step.

14. (currently amended) The method as claimed in ~~claim 4~~claim 16, including the step of determining the coating layer thickness after the pipe coating step is complete.

15. (currently amended) ~~The method as claimed in claim 1, including the steps of:~~ A pipe renovating method, comprising the steps of:

supplying a mixture of pressurized gas and particles of abrasive material from a pressurized gas supply and particle mixture supply into a first port of a pipe system, the pressurized gas supply being set at a first flow rate;

connecting a second port of the pipe system to a vacuum pump set at a second flow rate, whereby the mixture is pumped in at the first port while simultaneously applying suction at the second port such that the mixture is conveyed along the pipe with the abrasive particles cleaning the inner surface of the pipe along a predetermined pipe section between the first and second ports;

the second, vacuum flow rate at the second port being higher than the first, input flow rate of the pressurized gas supply at the first port, whereby the pressurized gas and abrasive material will be steered from the first port to the second port;

determining when the pipe section between the first and second ports has been sufficiently cleaned;

disconnecting the supply of gas and abrasive particles from the first port and connecting it to a third port in the pipe system;

repeating the steps of supplying the gas and abrasive particle mixture to the third port and sucking the mixture out at the second port at a higher flow rate, whereby a second pipe section between the third port and second port is cleaned;

repeating the procedure at all access ports in the pipe system until the entire pipe system is cleaned; and

the ratio between the first and second flow rates for each pipe section being adjusted for each new pipe section to be cleaned to steer the gas and abrasive particle mixture in a predetermined direction along the selected pipe section.

16. (currently amended) The method as claimed in claim 15, further comprising the steps of:

determining when the inner surface of the entire pipe system has been sufficiently cleaned by the abrasive material particles;

supplying a mixture of pressurized gas and liquid coating material into a selected first port of the pipe system at a first flow rate while applying suction to the second port of the pipe system at a second flow rate, the second flow rate being higher than the first flow rate so as to steer the mixture of gas and liquid coating material in a predetermined direction along a predetermined first pipe section from the selected first port to the second port;

after the first pipe section has been sufficiently coated, disconnecting the mixture of gas and liquid coating material from the first selected port and connecting it to ~~a third~~ another selected port of the pipe system at a predetermined flow rate while applying suction to the second port at a higher rate so as to steer the mixture of gas and liquid coating material along a predetermined second pipe section until the second section is

sufficiently coated; and

repeating the coating procedure until the entire pipe system has been coated.

17. (canceled)

18. (canceled)

19. (canceled)

20. (canceled)

21. (canceled)

22. (canceled)

23. (canceled)

24. (canceled)